

WHAT IS CLAIMED IS:

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1. An image forming apparatus, comprising:
a digital printing device that prints an
image according to image signals input thereto, the
digital printing device including a first nonvolatile
10 memory for storing first parameters that optimize
performance thereof; and
a digital scanning device, connectable to
the digital printing device, that scans an image and
converts the image into electric signals, the digital
15 scanning device including a second nonvolatile memory
for storing second parameters that optimize performance
thereof,
wherein
the digital printing device includes control
20 means for modifying the second parameters when the
digital scanning device is connected to the digital
printing device.

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2. The image forming apparatus as claimed
in claim 1, wherein the control means comprise:

reading means for reading the second
parameters stored in the second nonvolatile memory of
5 the digital scanning device when the digital scanning
device is connected to the digital printing device;

modification means for modifying the second
parameters read by the reading means; and

writing means for writing the modified
10 second parameters to the second nonvolatile memory of
the digital scanning device when the digital scanning
device is connected to the digital printing device.

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3. The image forming apparatus as claimed
in claim 1, wherein the control means comprise:

reading means for reading the second
20 parameters stored in the second nonvolatile memory of
the digital scanning device when the digital scanning
device is connected to the digital printing device;

modification means for modifying the second
parameters read by the reading means; and

25 writing means for writing the modified

second parameters to the first nonvolatile memory of
the digital printing device and the second nonvolatile
memory of the digital scanning device when the digital
scanning device is connected to the digital printing
5 device.

10 4. The image forming apparatus as claimed
in claim 1, wherein the control means comprise:
reading means for reading the second
parameters stored in the second nonvolatile memory of
the digital scanning device when the digital scanning
15 device is connected to the digital printing device;
modification means for modifying the second
parameters read by the reading means; and
writing means for writing values equal to
the modifications made by the modification means to the
20 second nonvolatile memory of the digital scanning
device when the digital scanning device is connected to
the digital printing device.

5. The image forming apparatus as claimed
in claim 1, wherein the control means comprise:

reading means for reading the second

5 parameters stored in the second nonvolatile memory of
the digital scanning device when the digital scanning
device is connected to the digital printing device;

modification means for modifying the second
parameters read by the reading means; and

10 writing means for writing values equal to
the modifications made by the modification means to the
first nonvolatile memory of the digital printing device
and the second nonvolatile memory of the digital
scanning device when the digital scanning device is
15 connected to the digital printing device.

20 6. An image forming apparatus, comprising:

a digital printing device that prints an
image according to image signals input thereto, the
digital printing device including a first nonvolatile
memory for storing first parameters that optimize
25 performance thereof; and

a digital scanning device, connectable to
the digital printing device, that scans an image and
converts the image into electric signals, the digital
scanning device including a second nonvolatile memory
5 for storing second parameters that optimize performance
thereof,

wherein

the digital printing device includes a
control unit configured to modify the second parameters
10 when the digital scanning device is connected to the
digital printing device.

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7. The image forming apparatus as claimed
in claim 6, wherein the control unit comprises:

a reading unit configured to read the second
parameters stored in the second nonvolatile memory of
20 the digital scanning device when the digital scanning
device is connected to the digital printing device;

a modification unit configured to modify the
second parameters read by the reading unit; and

a writing unit configured to write the
25 modified second parameters to the second nonvolatile

memory of the digital scanning device when the digital scanning device is connected to the digital printing device.

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8. The image forming apparatus as claimed in claim 6, wherein the control unit comprises:

10 a reading unit configured to read the second parameters stored in the second nonvolatile memory of the digital scanning device when the digital scanning device is connected to the digital printing device;

 a modification unit configured to modify the
15 second parameters read by the reading unit; and

 a writing unit configured to write the modified second parameters to the first nonvolatile memory of the digital printing device and the second nonvolatile memory of the digital scanning device when
20 the digital scanning device is connected to the digital printing device.

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9. The image forming apparatus as claimed
in claim 6, wherein the digital printing device
comprises:

a reading unit configured to read the second
5 parameters stored in the second nonvolatile memory of
the digital scanning device when the digital scanning
device is connected to the digital printing device;

a modification unit configured to modify the
second parameters read by the reading unit; and

10 a writing unit configured to write values
equaling to the modifications made by the modification
unit to the second nonvolatile memory of the digital
scanning device when the digital scanning device is
connected to the digital printing device.

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10. The image forming apparatus as claimed
20 in claim 6, wherein the digital printing device
comprises:

a reading unit configured to read the second
parameters stored in the second nonvolatile memory of
the digital scanning device when the digital scanning
25 device is connected to the digital printing device;

a modification unit configured to modify the second parameters read by the reading unit; and

a writing unit configured to write values equaling to the modifications made by the modification
5 unit to the first nonvolatile memory of the digital printing device and the second nonvolatile memory of the digital scanning device when the digital scanning device is connected to the digital printing device.

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11. A digital printing device that prints an image according to image signals input thereto, the
15 digital printing device forming an image forming apparatus when connected with a digital scanning device that scans the image and converts the image into the image signals, the digital printing device including a first nonvolatile memory for storing first parameters
20 that optimize performance thereof, and the digital scanning device including a second nonvolatile memory for storing second parameters that optimize performance thereof,

the digital printing device comprising
25 control means for modifying the second parameters when

the digital scanning device is connected to the digital printing device.

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12. The digital printing device as claimed in claim 11, wherein the control means comprise:

reading means for reading the second
10 parameters stored in the second nonvolatile memory of the digital scanning device when the digital scanning device is connected to the digital printing device;

modification means for modifying the second parameters read by the reading means; and

15 writing means for writing the modified second parameters to the second nonvolatile memory of the digital scanning device when the digital scanning device is connected to the digital printing device.

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13. The digital printing device as claimed in claim 11, wherein the control means comprise:

25 reading means for reading the second

parameters stored in the second nonvolatile memory of the digital scanning device when the digital scanning device is connected to the digital printing device;

modification means for modifying the second
5 parameters read by the reading means; and

writing means for writing the modified
second parameters to the first nonvolatile memory of the digital printing device and the second nonvolatile memory of the digital scanning device when the digital
10 scanning device is connected to the digital printing device.

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14. The digital printing device as claimed in claim 11, wherein the control means comprise:

reading means for reading the second
parameters stored in the second nonvolatile memory of
20 the digital scanning device when the digital scanning device is connected to the digital printing device;

modification means for modifying the second
parameters read by the reading means; and

writing means for writing values equal to
25 the modifications made by the modification means to the

second nonvolatile memory of the digital scanning device when the digital scanning device is connected to the digital printing device.

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15. The digital printing device as claimed in claim 11, wherein the control means comprise:

10 reading means for reading the second parameters stored in the second nonvolatile memory of the digital scanning device when the digital scanning device is connected to the digital printing device;

 modification means for modifying the second
15 parameters read by the reading means; and

 writing means for writing values equal to the modifications made by the modification means to the first nonvolatile memory of the digital printing device and the second nonvolatile memory of the digital
20 scanning device when the digital scanning device is connected to the digital printing device.